

**Town of Highland
Summary of Sanitary Sewer Overflows Reported in 2014**

Date / Time	Drainage Basin Location	Location Description	Type of Overflow Event	Estimated Quantity of Overflow	Cause	Rainfall Event Classification	Comments	Receiving Waters
9-10-14 8:00 AM to 5:00 PM	5 th Street Basin	MH's 1345 and 3005 all on 5 th St Interceptor	At 2 Constructed Overflows out of 5 th St San Swr into 5 th St Stm Swr	437,922 gal	Rainfall, Excessive I/I, Under Capacity Sewer	6 hr, 4.7 mo to 6 hr, 9.2 mo 1.34 to 1.68 inches Total Rainfall	Untreated Release	Little Calumet River
8-23-14 3:00 PM to 5:00 PM	5 th Street Basin	MH's 1345 and 3005 all on 5 th St Interceptor	At 2 Constructed Overflows out of 5 th St San Swr into 5 th St Stm Swr	4,851 gal	Rainfall, Excessive I/I, Under Capacity Sewer	30 min, 1.5 yr to 30 min, 8.4 yr (0.98 to 1.49 inches Rainfall) 2.16 inches Total Storm Rainfall	Untreated Release	Little Calumet River
6-30-2014 to 7-1-2014 7:30 PM to 9:00 AM	5 th Street Basin	MH's 1230, 1345 and 3005 all on 5 th St Interceptor Bypass Pump at Duluth and Grace Pl Bypass Pump at 5 th St Lift Stn.	At 3 Constructed Overflows out of 5 th St San Swr into 5 th St Stm Swr At 2 Bypass Pump Locations	1,318,562 gal	Rainfall, Excessive I/I, Under Capacity Sewer	30 min, 10.3 mo to 30 min, 3.4 yr (0.86 to 1.20 inches Rainfall) 2.32 inches Total Storm Rainfall	Untreated Release	Little Calumet River
5-11-2014 to 5-12-2014 6:45 PM to 1:00 AM	5 th Street Basin	MH's 1098, 1230 and 1345 all on 5 th St Interceptor Bypass Pump at Duluth and Grace Pl	At 3 Constructed Overflows One Bypass Pump Location	702,707 gal	Rainfall, Excessive I/I, Under Capacity Sewer	15 min, 10.8 mo to 15 min, 4.2 yr .63-.96 inches Total Rainfall	Untreated Release	Little Calumet River
4-2-2014 4:10 PM	5 th Street Basin	2954 101 st St	Basement Backup	1000 gal	Blockage in Public Sewer	N/A	Blockage removed and Overflow Released Back to Sanitary Sewer	N/A
4-3-2014 9:00 AM to 3:00 PM	5 th Street Basin	MH's 1098, 1230, and 1345 all on 5 th St Interceptor Bypass Pump at Duluth and Grace Pl	At 3 Constructed Overflows. One Bypass Pump Location	969,803 gal	Rainfall, Excessive Snow Melt, Frozen Ground, Excess I/I and Under Capacity Sewer	12 hr, 3.9 mo to 12 hr, 4.7 mo 1.47 to 1.56 inches Total Rainfall	Untreated Release	Little Calumet River
2-20-2014 to 2-21-2014 8:00 AM to 2:00 AM	5 th Street Basin	MH 1230 on 5 th St Interceptor Sewer	At Constructed Overflow out of 5 th St San Swr into 5 th St Stm Swr	125,341 gal	Rainstorm and Excessive Snow Melt Excessive I/I and Under Capacity Sewer	3 hr, <2.0 mo to 3 hr, 2.4 mo 0.75 to 0.90 inches Total Rainfall	Untreated Release	Little Calumet River
2-20-2014	5 th Street Basin	2954 101 st St	Basement Backup	<500 gal	Blockage in Public Sewer	N/A	Blockage Removed and Overflow Released Back to Sanitary Sewer	N/A